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### 1 [Queue: Volume 6 Issue 3](#)

May 2008 Queue

**Publisher:** ACM

 Full text available: Digital Edition , Pdf (5.56 MB) Additional Information: [full citation](#)
**Bibliometrics:** Downloads (6 Weeks): 78, Downloads (12 Months): 576, Citatio

### 2 [A platform for the development of semantic web portals](#)

Oscar Corcho, Angel López-Cima, Asunción Gómez-Pérez

 July 2006 **ICWE '06:** Proceedings of the 6th international conference on

**Publisher:** ACM

 Full text available: Pdf (331.68 KB) Additional Information: [full citation](#), [abstract](#), [review](#)
**Bibliometrics:** Downloads (6 Weeks): 26, Downloads (12 Months): 203, Citatio

A Semantic Web portal is a Web application that offers information and domain, and that has been developed with Semantic Web technology. F difference with respect to a traditional Web portal is ...

**Keywords:** ODESeW, intranet, semantic web portal

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### 3 [Model driven security: From UML models to access control infrastruc](#)

David Basin, Jürgen Doser, Torsten Lodderstedt

 January 2006 **Transactions on Software Engineering and Methodology**
**Publisher:** ACM

 Full text available: Pdf (968.83 KB) Additional Information: [full citation](#), [abstract](#), [review](#)
**Bibliometrics:** Downloads (6 Weeks): 57, Downloads (12 Months): 435, Citatio



We present a new approach to building secure systems. In our approach Security, designers specify system models along with their security requ automatically generate system architectures from the models, ...

**Keywords:** Model Driven Architecture, Object Constraint Language, Ro Modeling Language, metamodeling, security engineering

### 4 [Communications of the ACM: Volume 51 Issue 11](#)

November 2008 Communications of the ACM

**Publisher:** ACM

Full text available:  Digital Edition ,  Pdf (8.26 MB) Additional Information: [full citation](#)


**Bibliometrics:** Downloads (6 Weeks): 518, Downloads (12 Months): 2711, Cita

5 [A middleware-based application framework for active space applicat](#)

Manuel Román, Roy H. Campbell

June 2003 **Middleware '03: Proceedings of the ACM/IFIP/USENIX 2003 I**  
Middleware

**Publisher:** Springer-Verlag New York, Inc.

Full text available:  Pdf (214.87 KB) Additional Information: [full citation](#), [abstract](#), r

**Bibliometrics:** Downloads (6 Weeks): 8, Downloads (12 Months): 8, Citation C

Ubiquitous computing challenges the conventional notion of a user logged device, whether it is a desktop, a laptop, or a digital assistant. When the contains hundreds of networked computer devices ...


6 [The role of domain ontologies in database design: An ontology manag](#)

 modeling environment

Vijayan Sugumaran, Veda C. Storey

September 2006 **Transactions on Database Systems (TODS)** , Volume 31 I

**Publisher:** ACM


Full text available:  Pdf (1.28 MB) Additional Information: [full citation](#), [abstract](#), r

**Bibliometrics:** Downloads (6 Weeks): 72, Downloads (12 Months): 517, Citatio

Database design is difficult because it involves a database designer und translating the design requirements into a conceptual model. However, no knowledge about the application or task for ...


**Keywords:** Ontology, conceptual modeling, database design, entity-rel constraints, ontology management and database design environment

7 [A flexible framework for engineering "my" portals](#)

 Fernando Bellas, Daniel Fernández, Abel Muñio

May 2004 **WWW '04: Proceedings of the 13th international conference o**

**Publisher:** ACM

Full text available:  Pdf (420.01 KB) Additional Information: [full citation](#), [abstract](#), r

**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 86, Citation (

There exist many portal servers that support the construction of "My" p the user to have one or more personal pages composed of a number of main drawback of current portal servers is their ...


**Keywords:** design patterns, j2ee, portal technology, web application fr web engineering

8 [A layered framework supporting personal information integration and semantic desktop](#)

Isabel F. Cruz, Huiyong Xiao

November 2008 **The VLDB Journal — The International Journal on Ver**  
Issue 6

**Publisher:** Springer-Verlag New York, Inc.


Full text available:  Pdf (1.41 MB)

Additional Information: [full citation](#), [abstract](#), [...](#)

**Bibliometrics:** Downloads (6 Weeks): 49, Downloads (12 Months): 57, Citation

With the development of inexpensive storage devices, space usage is no longer a problem for computer users. However, the increasingly large amount of personal information is a problem to those users: traditional file organization in hierarchical ...

## 9 [CiteSeerX: a scalable autonomous scientific digital library](#)

 [Huating Li, Isaac G. Council, Levent Bolcal, Ding Zhou, Yang Song, Wang-Chen Sivasubramaniam, C. Lee Giles](#)

May 2006 **InfoScale '06:** Proceedings of the 1st international conference on information systems

**Publisher:** ACM


Full text available:  Pdf (229.57 KB)

Additional Information: [full citation](#), [abstract](#), [...](#)



**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 56, Citation (

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## 10 [Queue: Volume 7 Issue 1](#)

 January 2009 Queue

**Publisher:** ACM

Full text available:  Digital Edition ,  Pdf (2.84 MB) Additional Information: [full citation](#), [abstract](#), [...](#)


**Bibliometrics:** Downloads (6 Weeks): 96, Downloads (12 Months): 246, Citation

## 11 [Developing mobile 3D applications with OpenGL ES and M3G](#)

 [Kari Pulli, Jani Vaarala, Ville Miettinen, Tomi Aarnio, Mark Callow](#)

July 2005 **SIGGRAPH '05:** SIGGRAPH 2005 Courses

**Publisher:** ACM

Full text available:  Pdf (9.22 MB) Additional Information: [full citation](#), [abstract](#), [...](#)

**Bibliometrics:** Downloads (6 Weeks): 29, Downloads (12 Months): 249, Citation

## 12 [CIC portal: a collaborative and scalable integration platform for high performance computing](#)

[Osman Aidel, Alessandro Cavalli, Helene Cordier, Cyril L'Orphelin, Gilles Meunier, Reynaud](#)

September 2007 **GRI D '07:** Proceedings of the 8th IEEE/ACM International Conference on Grid Computing

**Publisher:** IEEE Computer Society


Full text available:  Pdf (224.90 KB)

Additional Information: [full citation](#), [abstract](#), [...](#)


**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 8, Citation C

EGEE, along with its sister project LCG, manages the world's largest Grid Computing infrastructure which is spreading nowadays over 260 sites in more than 40 countries. Managing such a large infrastructure requires novel approaches; its management also requires ...

## 13 [DeepView: a channel for distributed microscopy and informatics](#)



 [B. Parvin, J. Taylor, G. Cong, M. A. O'Keefe, M. H. Barcellos-Hoff](#)

January 1999 **Supercomputing '99:** Proceedings of the 1999 ACM/IEEE Conference on Supercomputing (CDROM)

**Publisher:** ACMFull text available:  Pdf (2.69 MB)Additional Information: [full citation](#), [reference](#)**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 10, Citation (**14** [Edgecomputing: extending enterprise applications to the edge of the](#) [A. Davis, J. Parikh, W. E. Weihl](#)May 2004 **WWW '04**: Proceedings of the 13th international World W  
track papers & posters**Publisher:** ACMFull text available:  Pdf (224.06 KB)Additional Information: [full citation](#), [abstract](#), [r](#)**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 100, Citation


Content delivery networks have evolved beyond traditional distributed c  
Akamai's EdgeComputing it is now possible to deploy and run enterprise  
globally distributed computing platform, to provide ...

**Keywords:** Internet applications, N-tier applications, Web services, dis  
computing, grid computing, split-tier applications, utility computing, we


**15** [GUESS: a language and interface for graph exploration](#) [Eytan Adar](#)April 2006 **CHI '06**: Proceedings of the SIGCHI conference on Human Fac**Publisher:** ACMFull text available:  Pdf (1.05 MB)Additional Information: [full citation](#), [abstract](#), [r](#)**Bibliometrics:** Downloads (6 Weeks): 18, Downloads (12 Months): 109, Citatio

As graph models are applied to more widely varying fields, researchers  
and analyzing these structures. We describe GUESS, a novel system for  
combines an interpreted language with a graphical front ...

**Keywords:** domain-specific embedded language, graph layout, graph v


**16** [Model-driven design of service-enabled web applications](#) [Marco Brambilla, Stefano Ceri, Piero Fraternali, Roberto Acerbis, Aldo Bong](#)June 2005 **SIGMOD '05**: Proceedings of the 2005 ACM SIGMOD internatic  
of data**Publisher:** ACMFull text available:  Pdf (379.86 KB)Additional Information: [full citation](#), [abstract](#), [r](#)**Bibliometrics:** Downloads (6 Weeks): 15, Downloads (12 Months): 113, Citatio

Significant efforts are currently invested in application integration to en  
composition of business processes of different companies, yielding comp  
Web service standards, based on WSDL, have been adopted ...


**17** [A context gathering framework for context-aware mobile solutions](#) [Anusuriya Devaraju, Simon Hoh, Michael Hartley](#)September 2007 **Mobility '07**: Proceedings of the 4th international conferer  
applications, and systems and the 1st international sympos  
interaction in mobile technology

**Publisher:** ACMFull text available:  Pdf (312.34 KB)Additional Information: [full citation](#), [abstract](#), [r](#)**Bibliometrics:** Downloads (6 Weeks): 50, Downloads (12 Months): 265, Citatio



One of the fundamental design issues in context-aware mobile services support for adequately powerful yet efficient querying of the sensory data research into the creation of a technology-independent, ...

**Keywords:** context awareness, framework, protocol, sensor**18** [Experiment Dashboard: the monitoring system for the LHC experiments](#) [Julia J. Andreeva, Benjamin B. Gaidioz, Juha J. Herrala, Gerhild G. Maier, F. June 2007](#)**GMW '07:** Proceedings of the 2007 workshop on Grid monitoring**Publisher:** ACMFull text available:  Pdf (280.58 KB)Additional Information: [full citation](#), [abstract](#), [r](#)**Bibliometrics:** Downloads (6 Weeks): 14, Downloads (12 Months): 69, Citation

In this paper we present the Experiment Dashboard monitoring system, four Large Hadron Collider (LHC)[1] experiments. The goal of the Experiment is to monitor the activities of the LHC experiments on the distributed ...

**Keywords:** grid, monitoring**19** [Parallel execution of prolog programs: a survey](#) [Gopal Gupta, Enrico Pontelli, Khayri A.M. Ali, Mats Carlsson, Manuel V. Hermenegildo, July 2001](#)**Transactions on Programming Languages and Systems (TOPLAS)****Publisher:** ACMFull text available:  Pdf (1.95 MB)Additional Information: [full citation](#), [abstract](#), [r](#)**Bibliometrics:** Downloads (6 Weeks): 25, Downloads (12 Months): 220, Citation





Since the early days of logic programming, researchers in the field realized that the lack of parallelism present in the execution of logic programs. Their high-level nondeterminism, and their referential transparency, ...

**Keywords:** Automatic parallelization, constraint programming, logic programming**20** [Real-time shading](#) [Marc Olano, Kurt Akeley, John C. Hart, Wolfgang Heidrich, Michael McCool, August 2004](#)**SIGGRAPH '04:** SIGGRAPH 2004 Course Notes**Publisher:** ACMFull text available:  Pdf (7.39 MB)Additional Information: [full citation](#), [abstract](#), [r](#)**Bibliometrics:** Downloads (6 Weeks): 71, Downloads (12 Months): 664, Citation

Real-time procedural shading was once seen as a distant dream. When it was offered four years ago, real-time shading was possible, but only with the combining the effects of tens to hundreds of rendering ...

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